

2016.07.20 21:49:50

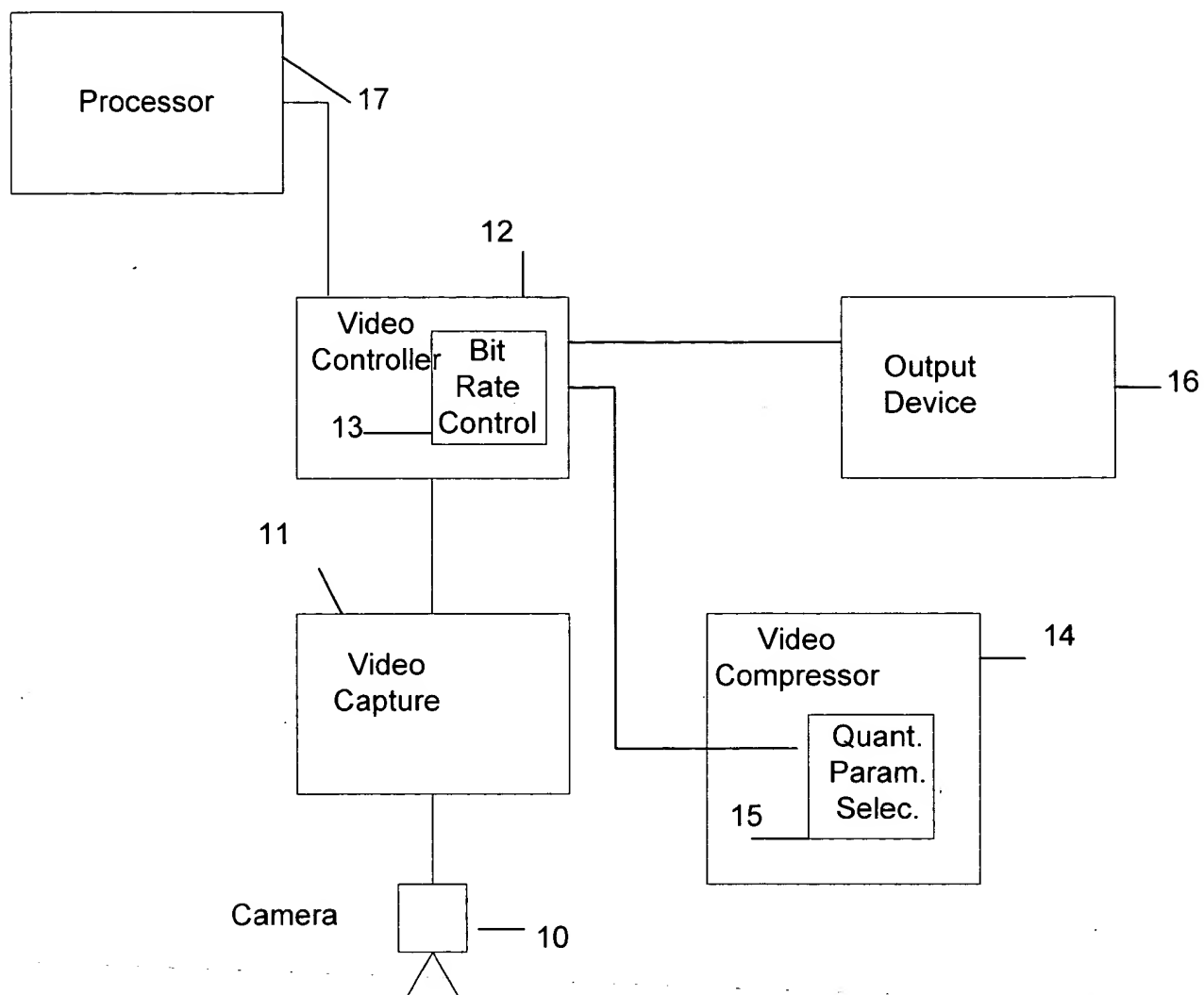


Fig. 1

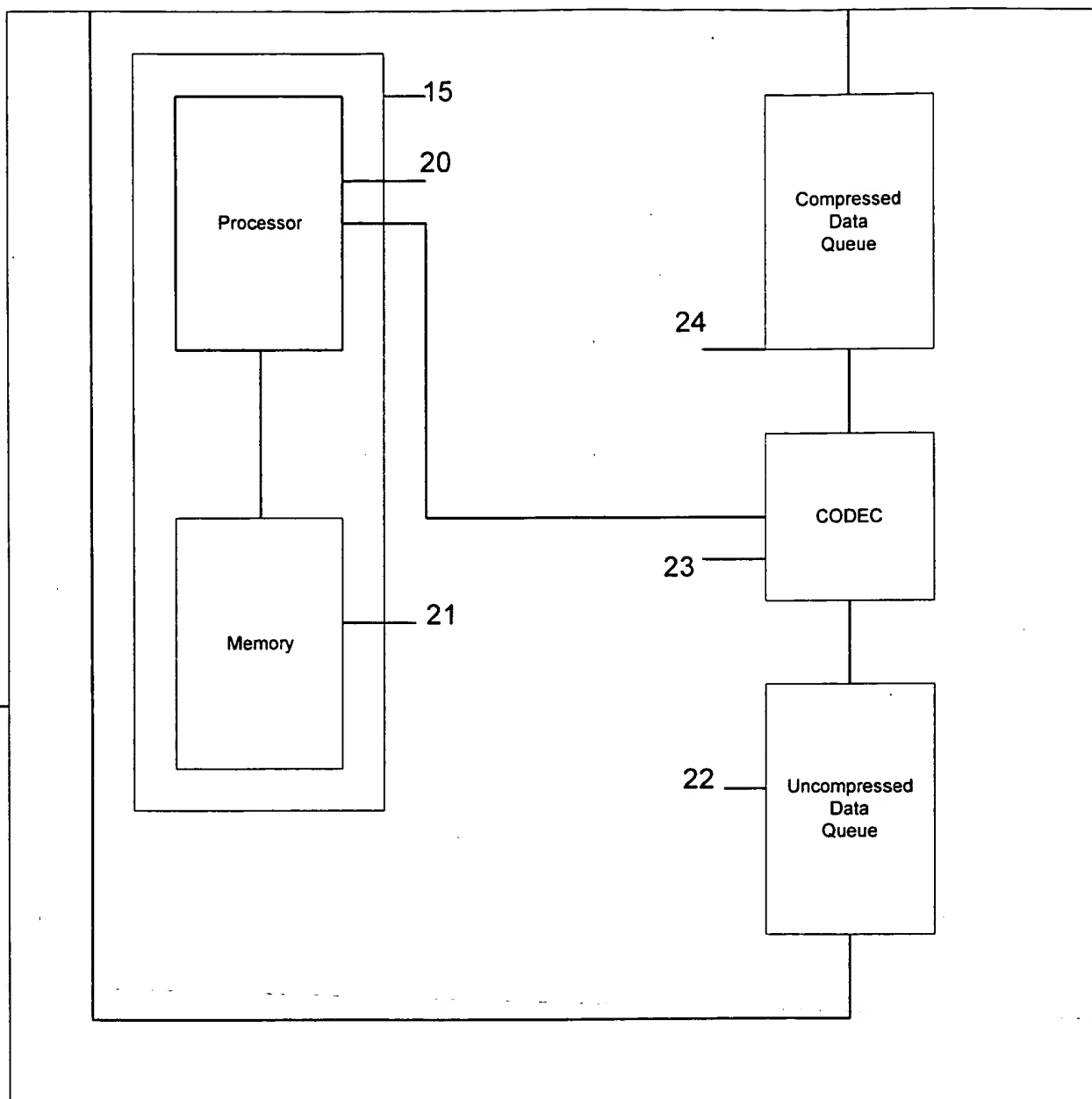


Fig. 2

STEPS →	Wavelet Decomp.	Motion Estimation	Difference Image Encoding	Difference Image Decoding	Motion Compensa- tion	Wavelet Recomp.
Initial-trial encoding pass	✖	✖	✖	?		
Retrial encoding pass			?	?		
Final encoding pass			?	✖	✖	✖

First Order Sub- Steps →	Calculate Average Activity	Deter- mine Adaptive Quant. Level	Forward Block Trans- form	Block Quanti- zation	Zig-zag run- length coding	Generate Bit Stream	Block De- quanti- zation	Inverse Trans- form
Initial- trial encoding pass	✖	✖	✖	✖	✖	✖	DC Coeff. Only	
Retrial encoding pass		✖		✖	✖	✖	DC Coeff. Only	
Final encoding pass						?	✖	✖

Second Order Sub-Steps →	Generate GOP, Picture, and Band Header	Generate Tile and Below Bit Stream
Initial-trial encoding pass	✖	✖
Retrial encoding pass	✖	✖
Final encoding pass	✖	

Fig. 3

091614-071619

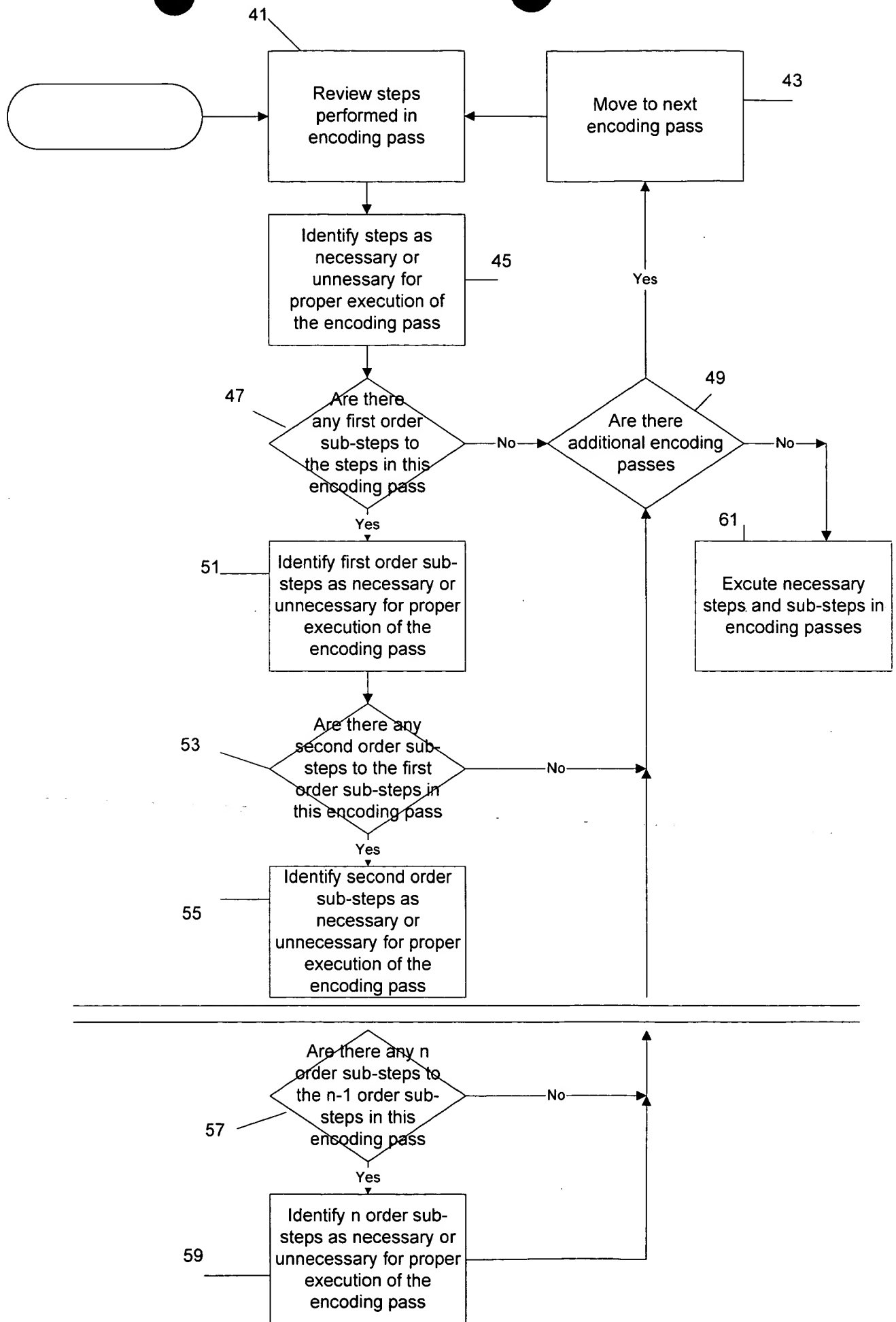


Fig. 4

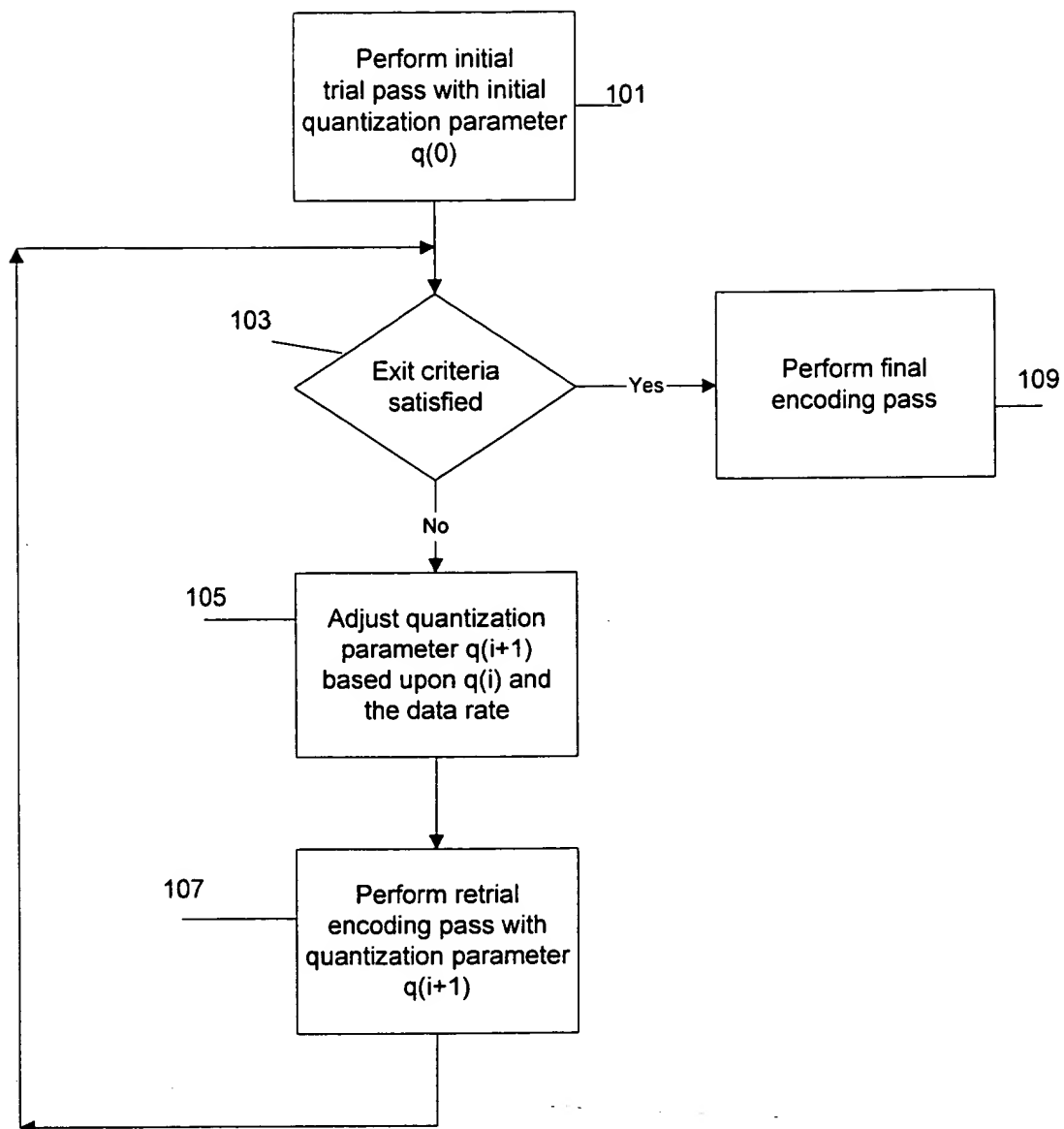


Fig. 5

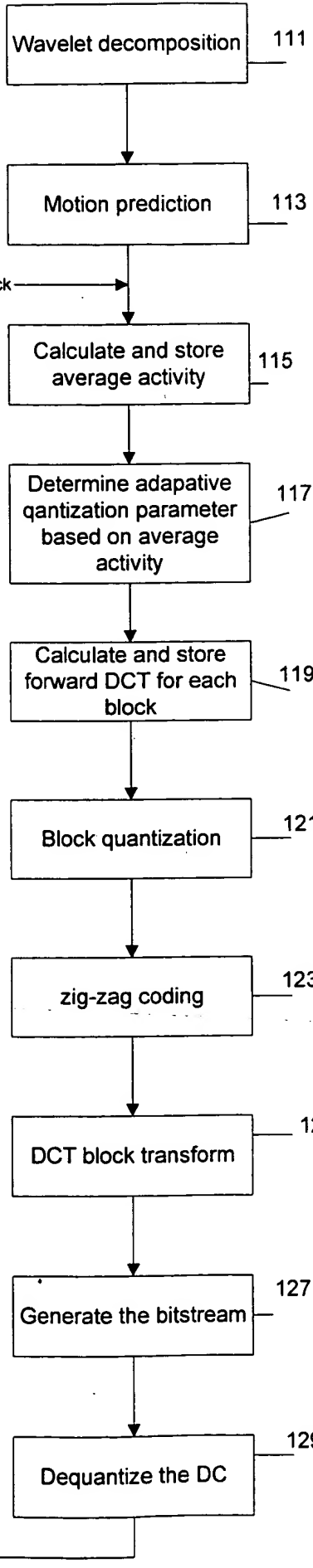


Fig. 6a

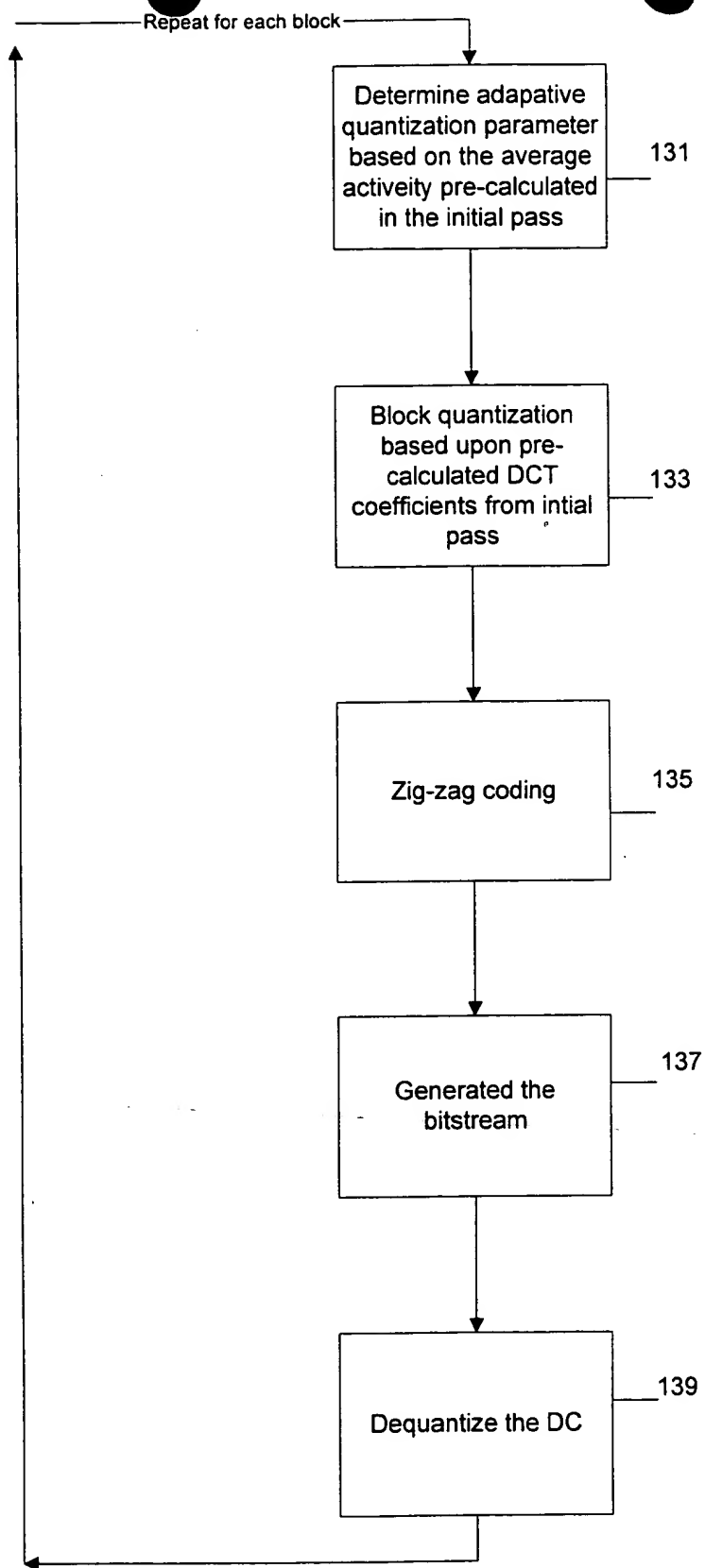


Fig. 6b

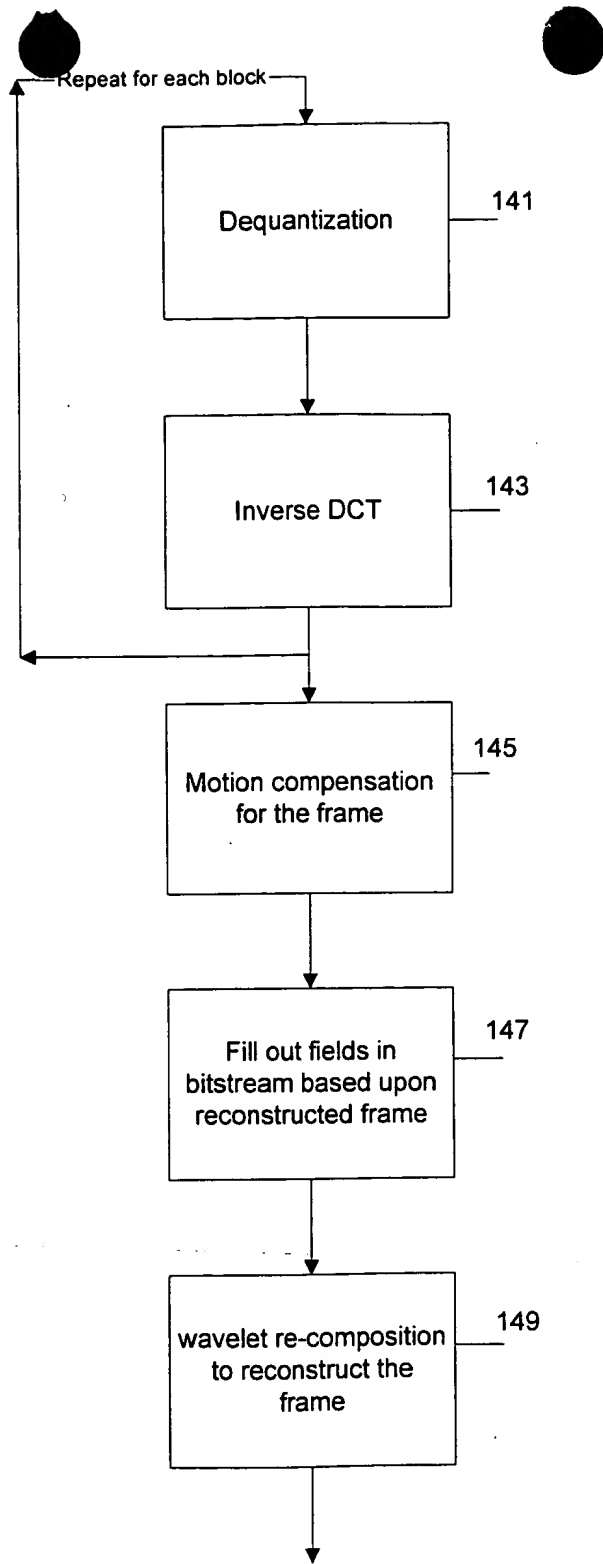


Fig. 6c